

Title (en)
SYRINGE WITH NEEDLE

Title (de)
SPRITZE MIT NADEL

Title (fr)
SERINGUE POURVUE D'UNE AIGUILLE

Publication
EP 2623144 A4 20140409 (EN)

Application
EP 11829097 A 20110927

Priority
• JP 2010218300 A 20100929
• JP 2011072040 W 20110927

Abstract (en)
[origin: US2013138047A1] This syringe with needle is provided with a needle tube having a needle tip capable of puncturing a living body, and a syringe by insert molding formed integrally with the needle tube. The syringe includes: a main body which is filled with a drug; and a securing section which is formed to be continuous with the main body. The securing section secures the needle tube in a state that the needle tip of the needle tube is protruded. The securing section of the syringe includes a holding hole in which a chuck member for supporting and securing a circumferential surface of the needle tube during the insert molding is inserted and passed.

IPC 8 full level
A61M 5/32 (2006.01); **A61M 5/34** (2006.01)

CPC (source: EP US)
A61M 5/34 (2013.01 - US); **A61M 5/343** (2013.01 - EP US); **B29C 45/14065** (2013.01 - EP US); **A61M 5/3202** (2013.01 - EP US); **A61M 2207/00** (2013.01 - EP US); **B29K 2101/12** (2013.01 - US); **B29K 2705/02** (2013.01 - US); **B29K 2705/08** (2013.01 - US); **B29K 2705/12** (2013.01 - US); **B29L 2031/7544** (2013.01 - EP US)

Citation (search report)
• [X] WO 2009091895 A2 20090723 - WEST PHARM SERV INC [US], et al
• [Y] WO 2005025641 A2 20050324 - BECTON DICKINSON CO [US], et al
• [Y] WO 2004000118 A1 20031231 - OWEN MUMFORD LTD [GB], et al
• [Y] US 6589261 B1 20030708 - ABULHAJ RAMZI F [US], et al
• [Y] GB 2352403 A 20010131 - OWEN MUMFORD LTD [GB]
• See references of WO 2012043544A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2013138047 A1 20130530; CN 103096953 A 20130508; CN 103096953 B 20160316; EP 2623144 A1 20130807; EP 2623144 A4 20140409; EP 2623144 B1 20170222; JP 2016144745 A 20160812; JP 2018061856 A 20180419; JP 5940978 B2 20160629; JP 6280158 B2 20180214; JP 6689302 B2 20200428; JP WO2012043544 A1 20140224; US 10384379 B2 20190820; US 2016271848 A1 20160922; US 2018178423 A1 20180628; WO 2012043544 A1 20120405

DOCDB simple family (application)
US 201113814788 A 20110927; CN 201180040416 A 20110927; EP 11829097 A 20110927; JP 2011072040 W 20110927; JP 2012536467 A 20110927; JP 2016100221 A 20160519; JP 2018006260 A 20180118; US 201615162790 A 20160524; US 201815901474 A 20180221